

Table 1
Soil Analytical Data
Samples Backfill
Frank J. Doyle
EPA Region 6

Analyte	CAS.NO	Units	RSL Summary 05/2018	Resident Soil	Site Specific Cleanup Levels	Station	BKFL	BKFL	BKFL					
						Sample ID	FJD-BKFL- 20181114-51	FJD-SLST- 20181114-51	FJD-TPSL- 20181114-51					
						Depth	6"-6"	6"-6"	6"-6"					
						Date	11/14/2018	11/14/2018	11/14/2018					
Type							FS	FS	FS					
Aroclors														
Aroclor 1016	12674-11-2	mg/Kg	4.1		--		0.00483 U	0.00426 U	0.0042 U					
Aroclor 1221	11104-28-2	mg/Kg	0.2		--		0.00965 U	0.00851 U	0.0084 U					
Aroclor 1232	11141-16-5	mg/Kg	0.17		--		0.00617 U	0.00544 U	0.00537 U					
Aroclor 1248	12672-29-6	mg/Kg	0.23		--		0.00515 U	0.00453 U	0.00448 U					
Aroclor 1254	11097-69-1	mg/Kg	0.24		--		0.00442 U	0.00389 U	0.00384 U					
Aroclor 1260	11096-82-5	mg/Kg	0.24		--		0.00722 U	0.00636 U	0.00628 U					
Aroclor 1268	11100-14-4	mg/Kg			--		0.0058 U	0.00511 U	0.00504 U					
Aroclor-1242	53469-21-9	mg/Kg	0.23		--		0.00429 U	0.00378 U	0.00373 U					
Aroclor-1262	37324-23-5	mg/Kg			--		0.00656 U	0.00578 U	0.00571 U					
COC-Metals														
Arsenic	7440-38-2	mg/Kg	0.68	20	--		2.76	2.78	1.73					
Cobalt	7440-48-4	mg/Kg	23	23	--		9.27	3.97	4.93					
Copper	7440-50-8	mg/Kg	3100	3100	--		10.5	3.68	4.19					
Lead	7439-92-1	mg/Kg	400	400	--		10.6	6.17	7.19					
Manganese	7439-96-5	mg/Kg	1800	1800	--		340	253	296					
COC-SVOCs														
Benzo(a)anthracene	56-55-3	mg/Kg	1.1	11	--		0.00934 U	0.00829 U	0.00824 U					
Benzo(a)pyrene	50-32-8	mg/Kg	0.11	1.1	--		0.0133 U	0.0118 U	0.0117 U					
Benzo(b)fluoranthene	205-99-2	mg/Kg	1.1	11	--		0.0169 U	0.015 U	0.0149 U					
Dibenz(a,h)anthracene	53-70-3	mg/Kg	0.11	1.1	--		0.0234 U	0.0208 U	0.0207 U					
Indeno(1,2,3-cd)pyrene	193-39-5	mg/Kg	1.1	11	--		0.0179 U	0.0159 U	0.0158 U					
GC/MS Semi-Volatiles														
1,4-Dioxane	123-91-1	mg/Kg	5.3		--		0.016 U	0.0142 U	0.0141 U					
Herbicides														
2,4,5-T	93-76-5	mg/Kg	630		--		0.00547 U	0.00482 U	0.00479 U					
2,4,5-TP (Silvex)	93-72-1	mg/Kg	510		--		0.00547 U	0.00482 U	0.00479 U					
2,4'-D	94-75-7	mg/Kg	700		--		0.00547 U	0.00482 U	0.00479 U					
2,4-DB	94-82-6	mg/Kg	1900		--		0.00547 U	0.00482 U	0.00479 U					
Dalapon	75-99-0	mg/Kg	1900		--		0.00547 U	0.00482 U	0.00479 U					
Dicamba	1918-00-9	mg/Kg	1900		--		0.00547 U	0.00482 U	0.00479 U					
Dichloroprop	120-36-5	mg/Kg			--		0.00547 U	0.00482 U	0.00479 U					
Dinoseb	88-85-7	mg/Kg	63		--		0.00547 U	0.00482 U	0.00479 U					
MCPA	94-74-6	mg/Kg	32		--		0.547 U	0.482 U	0.479 U					
MCPP	93-65-2	mg/Kg	63		--		0.547 U	0.482 U	0.479 U					
Pentachlorophenol	87-86-5	mg/Kg	1		--		0.00547 U	0.00482 U	0.00479 U					
Metals														
Aluminum	7429-90-5	mg/Kg	77000		--		13500	5800	5160					
Antimony	7440-36-0	mg/Kg	31		--		0.25 U	0.23 U	0.221 U					
Barium	7440-39-3	mg/Kg	15000		--		162	64.2	70.2					
Beryllium	7440-41-7	mg/Kg	160		--		1.33	0.475	0.471					
Cadmium	7440-43-9	mg/Kg	71		--		0.125 U	0.115 U	0.111 U					
Calcium	7440-70-2	mg/Kg			--		4470	1520	1110					
Chromium	7440-47-3	mg/Kg			--		15.8	4.26	8.17					
Iron	7439-89-6	mg/Kg	55000		--		15200	5090	6580					
Magnesium	7439-95-4	mg/Kg			--		3290	726	698					
Mercury	7439-97-6	mg/Kg	11		--		0.0063 U	0.0054 U	0.0061 J					
Nickel	7440-02-0	mg/Kg	1500		--		17.5	5.33	4.48					
Potassium	7440-09-7	mg/Kg			--		1470	491	398					
Selenium	7782-49-2	mg/Kg	390		--		0.125 U	0.115 U	0.111 U					
Silver	7440-22-4	mg/Kg	390		--		0.125 U	0.115 U	0.111 U					
Sodium	7440-23-5	mg/Kg			--		333	412	86.9					
Thallium	7440-28-0	mg/Kg	0.78		--		0.137 J	0.115 U	0.111 U					
Vanadium	7440-62-2	mg/Kg	390		--		23.2	12.5	16.2					
Zinc	7440-66-6	mg/Kg	23000		--		31.3	7.9 J	12.4					
Pesticides														
4,4'-DDD	72-54-8	mg/Kg	1.9		--		0.000352 U	0.00031 U	0.000308 U					
4,4'-DDE	72-55-9	mg/Kg	2		--		0.000365 U	0.000321 U	0.000319 U					
4,4'-DDT	50-29-3	mg/Kg	1.9		--		0.000443 U	0.00039 U	0.000388 U					
Aldrin	309-00-2	mg/Kg	0.039		--		0.000339 U	0.000298 U	0.000297 U					
alpha-BHC	319-84-6	mg/Kg	0.086		--		0.000313 U	0.000275 U	0.000274 U					
alpha-Chlordane	5103-71-9	mg/Kg			--		0.000417 U	0.000367 U	0.000365 U					
beta-BHC	319-85-7	mg/Kg	0.3		--		0.000443 U	0.00039 U	0.000388 U					
delta-BHC	319-86-8	mg/Kg			--		0.000326 U	0.000287 U	0.000285 U					
Dieldrin	60-57-1	mg/Kg	0.034		--		0.000274 U	0.000241 U	0.00024 U					
Endosulfan I	959-98-8	mg/Kg			--		0.0003 U	0.000264 U	0.000262 U					
Endosulfan II	33213-65-9	mg/Kg			--		0.0003 U	0.000264 U	0.000262 U					



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						Depth	6"-6"	6"-6"	6"-6"
						Date	11/14/2018	11/14/2018	11/14/2018
Semi-volatiles						Type	FS	FS	FS
						--	0.000339 U	0.000298 U	0.000297 U
						--	0.00043 U	0.000379 U	0.000376 U
						--	0.000469 U	0.000413 U	0.000411 U
						--	0.000365 U	0.000321 U	0.000319 U
						--	0.000313 U	0.000275 U	0.000274 U
						--	0.000313 U	0.000275 U	0.000274 U
						--	0.000378 U	0.000333 U	0.000331 U
						--	0.000495 U	0.000436 U	0.000433 U
						--	0.000508 U	0.000448 U	0.000445 U
						--	0.00543 U	0.00479 U	0.00476 U



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						Depth	6"-6"	6"-6"	6"-6"
						Date	11/14/2018	11/14/2018	11/14/2018
						Type	FS	FS	FS
n-Nitrosodiphenylamine	86-30-6	mg/Kg	110		--		0.0139 U	0.0124 U	0.0123 U
o-Cresol	95-48-7	mg/Kg	3200		--		0.0223 U	0.0198 U	0.0196 U
Pentachlorophenol	87-86-5	mg/Kg	1		--		0.047 U	0.0417 U	0.0414 U
Phenanthrene	85-01-8	mg/Kg			--		0.012 U	0.0106 U	0.0106 U
Phenol	108-95-2	mg/Kg	19000		--		0.0246 U	0.0218 U	0.0216 U
Pyrene	129-00-0	mg/Kg	1800		--		0.0108 U	0.00954 U	0.00948 U

Notes:

FS - Field Sample

FD - Field Duplicate

NA - Not analyzed / Not applicable

mg/Kg - milligrams per Kilogram.

H - High bias

J - The identification of the analyte is acceptable; the reported value is an estimate

K - Unknown bias

L - Low bias

Q - Detected below the quantitation limit

U - Analyte not detected

Value exceeds the detection limit for specific sample analyte

Highlighted value exceeds the Cleanup level for the specific sample analyte

